

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A viscoelastic foam made from a Part A composition and a Part B composition, said Part A composition comprising 20-50 weight percent isocyanate (NCO), said Part B composition comprising at least 20 parts by weight of a first, amine-based polyether polyol, at least 10 parts by weight of a second polyol selected from the group consisting of filled polyether polyols and unfilled polyether polyols, and 0.4-4 parts by weight catalyst, said Part A and Part B compositions being combined to provide said viscoelastic foam having an index of 70-130.

Claim 2 (original): A viscoelastic foam made from a Part A composition and a Part B composition, said Part A composition comprising 20-50 weight percent isocyanate (NCO), said Part B composition comprising at least 20 parts by weight of a first, amine-based polyether polyol, at least 10 parts by weight of a second, tri-functional polyether polyol, and 0.4-4 parts by weight catalyst, said Part A and Part B compositions being combined to provide said viscoelastic foam having an index of 70-130.

Claim 3 (original): A viscoelastic foam according to claim 1 or 2, having an index of 80-115.

Claim 4 (original): A viscoelastic foam according to claim 1 or 2, having an

index of about 90-100.

Claim 5 (currently amended): A viscoelastic foam according to claim 1 or 2, said ~~Part A~~ Part B composition further comprising about 3 parts by weight water.

Claim 6 (currently amended): A viscoelastic foam according to claim 1 or 2, said ~~Part A~~ Part B composition further comprising about 6 parts by weight black paste.

Claim 7 (original): A viscoelastic foam according to claim 1 or 2, said isocyanate in said Part A composition being present in the form of 4,4'-MDI.

Claim 8 (original): A viscoelastic foam according to claim 7, said 4,4'-MDI being present in said Part A composition in an amount sufficient to provide an isocyanate (NCO) concentration of about 33.6 percent by weight.

Claim 9 (original): A viscoelastic foam according to claim 1 or 2, said isocyanate in said Part A composition being present in the form of an allophanate-modified MDI prepolymer, said part A composition having an isocyanate (NCO) concentration of about 20-30 percent by weight.

Claim 10 (original): A viscoelastic foam according to claim 1 or 2, said amine-based polyether polyol component comprising a mixture of amine-based polyether polyols including monoethanolamine based polyol in an amount of less

than 10 parts by weight, triethanol amine based polyol in an amount of 10-30 parts by weight; and ethylenediamine based polyol in an amount of 16-36 parts by weight.

Claim 11 (original): A viscoelastic foam according to claim 1 or 2, said catalyst component comprising amine catalyst in an amount of 0.4-2.5 parts by weight, delayed action catalyst in an amount of 0-1 parts by weight, and trimer catalyst in an amount of 0-1 parts by weight.

Claim 12 (original): A viscoelastic foam according to claim 11, said amine catalyst being tertiary amine catalyst, said delayed action catalyst being a combination delayed action catalyst, said trimer catalyst being a quaternary ammonium salt trimer catalyst.

Claim 13 (original): A viscoelastic foam according to claim 1 or 2, said second polyol being a glycerin based polyether polyol.

Claim 14 (original): A viscoelastic foam according to claim 2, said tri-functional polyether polyol being a non-amine based polyether polyol.

Claim 15 (original): A method of making a viscoelastic foam comprising the steps of:

- a) providing a Part A composition comprising 20-50 weight percent isocyanate;
- b) providing a Part B composition comprising at least 20 parts by weight

amine-based polyether polyol, at least 10 parts by weight of a polyol selected from the group consisting of filled polyether polyols and unfilled polyether polyols, and 0.4-4 parts by weight catalyst; and

c) combining said Part A and Part B compositions to provide said viscoelastic foam, said viscoelastic foam having an index of 70-130.

Claim 16 (original): A method of making a viscoelastic foam comprising the steps of:

a) providing a Part A composition comprising 20-50 weight percent isocyanate;

b) providing a Part B composition comprising at least 20 parts by weight amine-based polyether polyol, at least 10 parts by weight of a tri-functional polyether polyol, and 0.4-4 parts by weight catalyst; and

c) combining said Part A and Part B compositions to provide said viscoelastic foam, said viscoelastic foam having an index of 70-130.

Claim 17 (original): A method according to claim 15 or 16, said viscoelastic foam having an index of 90-100.

Claim 18 (currently amended): A method according to claim 15 or 16, said ~~Part A~~Part B composition further comprising about 3 parts by weight water.

Claim 19 (currently amended): A method according to claim 15 or 16, said ~~Part A~~Part B composition further comprising about 6 parts by weight black paste.

Claim 20 (original): A method according to claim 15 or 16, said isocyanate in said Part A composition being present in the form of 4,4'-MDI.

Claim 21 (original): A method according to claim 20, said 4,4'-MDI being present in said Part A composition an amount sufficient to provide an isocyanate (NCO) concentration of about 33.6 percent by weight in said Part A composition.

Claim 22 (original): A method according to claim 15 or 16, said isocyanate in said Part A composition being present in the form of an allophanate-modified MDI prepolymer.

Claim 23 (original): A method according to claim 15 or 16, said amine-based polyether polyol component comprising a mixture of amine-based polyether polyols including monoethanolamine based polyol in an amount of less than 10 parts by weight, triethanol amine based polyol in an amount of 10-30 parts by weight; and ethylenediamine based polyol in an amount of 16-36 parts by weight.

Claim 24 (original): A method according to claim 15 or 16, said catalyst component comprising amine catalyst in an amount of 0.4-2.5 parts by weight, a delayed action catalyst in an amount of 0-1 parts by weight, and a trimer catalyst in an amount of 0-1 parts by weight.

Claim 25 (original): A method according to claim 24, said amine catalysts being tertiary amine catalysts, said delayed action catalyst being a combination

delayed action amine/delayed action tin catalyst, and said trimer catalyst being a quaternary ammonium salt trimer catalyst.

Claim 26 (new): A viscoelastic foam according to claim 1 or 2, said Part B composition further comprising 3-15 parts by weight black paste.